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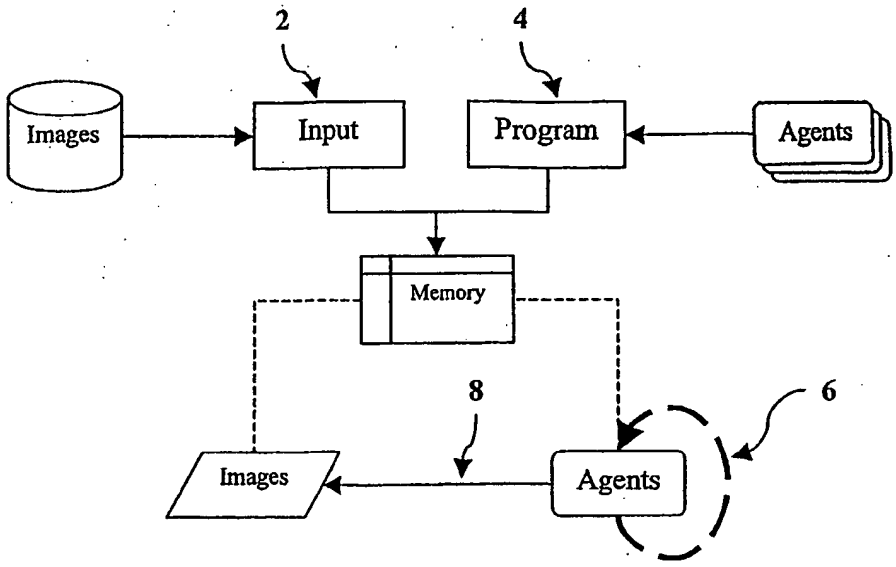
(54) Title: A MULTI-AGENT SYSTEM FOR AUTOMATED IMAGE ANALYSIS AND UNDERSTANDING



Agent initialization and assignment

(57) Abstract: A method for analyzing one or a plurality of digital images using a plurality of software agents, comprising : a program for initializing and assigning a plurality of agents to at least one of said images ; means for said agents to perceive at least one of said images at one or a plurality of scale representations ; and means for said agents to modify pixel values of said images.

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